

Jayasai Dodla

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EDUCATION

RMK ENGINEERING COLLEGE

COMPUTER SCIENCE AND
ENGINEERING

Expected Jun 2025 | CGPA : 8.7
Chennai, India

SRI CHAITANYA BOYS JR COLLEGE

HIGHER SECONDARY

Jul 2021 | Score : 95.6 %
Krishna, Andhra Pradesh, India

KAIRALI EM HIGH SCHOOL HIGH SCHOOL

May 2019 | Score : 98 %
Nellore, Andhra Pradesh, India

SKILLS

PROGRAMMING

Confident:

C • Java • Python

Familiar:

C++ • Javascript • SQL

Python Library:

Pygame

WEB DEVELOPMENT

HTML • CSS • Javascript

Frameworks:

Bootstrap

TOOLS

Github • Blender

LINKS

Github: [JayD2003](#)

Linkedin: [jaydodla](#)

Leetcode: [jaydodla](#)

Skillrack: [jayasaidodla](#)

HackerRank: [jayasaidodla](#)

COURSEWORK

- Data Structure and Algorithm
- Database Management System
- OOPS
- Software Engineering

INTERESTS

- Web Development
- DSA
- Game Development
- Artificial Intelligence

PROJECTS

SPACE INVADERS USING PYGAME

Python | [GitHub Link](#)

- Created a Space Invaders game using **Pygame** library in Python.
- Designed game mechanics, graphics, and user interface elements for an engaging gaming experience.

TIC TAC TOE AI GAME USING MINIMAX ALGORITHM

HTML | CSS | JS | [GitHub Link](#)

- Developed a Tic Tac Toe game using the HTML, CSS and Javascript, incorporating the **Minimax algorithm** for AI opponent decision-making.
- Implemented interactive gameplay mechanics and user-friendly interface elements for an enjoyable gaming experience.

LANE DETECTION USING OPENCV

Python | [GitHub Link](#)

- Developed a lane detection system using OpenCV and Python to analyze video datasets.
- Applied computer vision techniques like **edge detection** and **Hough line transform** for accurate lane boundary identification.

CERTIFICATIONS

DATA BASE MANAGEMENT SYSTEM (2023)

NPTEL Certification | [Link](#)

- Completed a **8-week course** titled "Data Base Management System".
- Achieved a consolidated score of **47%** in the final examination.

THE JOY OF COMPUTING USING PYTHON (2022)

NPTEL Certification | [Link](#)

- Completed a **12-week course** titled "Joy of Computing Using Python".
- Achieved a consolidated score of **79%** in the final examination.

ACHIEVEMENTS

RMKCET SYMPOSIUM (2024)

Code-N-Crack | [Link](#)

- Secured **2nd** Position in Xenioz'24 Code-N-crack on HackerEarth Platform.
- Successfully tackled and resolved three challenging Algorithmic programming problems

Web Wizards | [Link](#)

- Secured **2nd** Position in Xenioz'24 Web Wizards Competition.
- Successfully recreated complex Figma designs utilizing solely HTML and CSS, showcasing proficiency in front-end technologies.

MEMBER OF FULL STACK COE

RMK Engineering College

- Selected as a member for Full Stack Centre of Excellence in **NTT Data**.

SKILLRACK

RMK Engineering College

- Solved 1300+ problems in Skillrack Website.